

Work Order ID 92313

92313

Page 2

Friday, October 26, 2012 11:33:34 AM

Item ID:	649.5013E	Accept	*N900040100*	Setup	Start	*NS1*	
Revision ID:							
Item Name:	Deflector				Stop	*NS2*	
Start Date:	10/26/2012	Start Qty:	120.00	*120*	Cust Item ID:		
Required Date:	12/3/2012	Req'd Qty:	120.00	*120*	Customer:		
Reference:							
Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:		Stop	*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <i>HPT</i> <i>035</i> Memo	0.00	<i>70</i>	13-01-04					
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00							<i>13/10/12</i>

PL (B-01-4)

SHIPPER NO.
406615-1

UACPART NO.
66759

UNIVERSAL ALLOY CORPORATION
180 LAMAR HALEY PKWY CANTON, GA USA 30114
(770) 479-7230

PRODUCTION LOTS C556064 011 PCS

S
H DART AEROSPACE
I 1270 ABERDEEN
P
T HAWKESBURY, ONTARIO CN, K6A 1K7
O

S
O DART AEROSPACE
L 1270 ABERDEEN
D
T HAWKESBURY, ONTARIO CN, K6A 1K7
O

27/320

CUSTOMER'S P.O. NO. PO18262 item 2		ORDER PLACED BY BRIGITTE GOLDEN	CUSTOMER'S PART NUMBER 649.5013-EXT ALUMINUM EXTRUSION	
TERMS NET 60	ALLOY 7075 T6511	SPECIFICATION NO. AMS-QQ-A-200/11 REV. N/C		
SHIP VIA JOURNEY		DATE SHIPPED 12/13/2012	FREIGHT CHARGES PREPAID <input type="checkbox"/> COLLECT <input checked="" type="checkbox"/>	SHIPMENT PARTIAL <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> CERTIFICATIONS ATTACHED <input checked="" type="checkbox"/> TO FOLLOW <input type="checkbox"/>

QUANTITY SHIPPED

FEET 132	PIECES X LENGTH 11 X 144.	NET PER PC 15.36	NET POUNDS 169	GROSS POUNDS 225	BOX 1 bundle of 1 Standard US box
RECEIVED BY <input checked="" type="checkbox"/>		DATE	TIME		

UNIVERSAL ALLOY CORPORATION ACCEPTS NO RESPONSIBILITY FOR ERROR IN SHIPMENT IF YOU FAIL TO NOTIFY US WITHIN 3 DAYS OF RECEIPT. NO REJECTED MATERIAL WILL BE ACCEPTED FOR CREDIT OR REPLACEMENT AFTER 30 DAYS FROM DATE OF RECEIPT.

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UNIVERSAL ALLOY CORPORATION
180 LAMAR HALEY PKWY CANTON, GA 30114 (770) 479-7230

EXTRUSION MILL CERTIFICATE OF CONFORMANCE
INSPECTION AND TEST REPORT

CUSTOMER DART AEROSPACE LTD

PURCHASE ORDER PO18262 item 2 DATE 12/03/12

ORDER NUMBER 406615 PART NO. 649.5013-EXT rev C

SPECIFICATIONS AMS-QQ-A-200/11 REV N/C MATERIAL 7075-T6511

MECHANICAL PROPERTIES

SAMPLE OR LOT	TEST DIRECTION	TEST LOCATION	TENSILE STRENGTH KSI	YIELD STRENGTH KSI	ELONGATION %
C556064	L	Rear	89.7	81.0	12.9

513/06/12

MANUFACTURED IN THE U.S.A.

CHEMICAL COMPOSITION LIMITS

ALLOY NOS	SI	FE	CU	MN	MG	CR	ZN	TI	EACH	OTHERS	TOTAL
7075	0.40	0.50	1.2-2.0	0.30	2.1-2.9	0.18-0.28	5.1-6.1	0.20	0.05	0.15	

THIS IS TO CERTIFY THAT THE MATERIAL APPLIED TO THE ABOVE ORDER COVERED BY THIS REPORT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SPECIFICATIONS DESCRIBED FORMING A PART OF THIS ORDER AND THAT REPRESENTATIVE MATERIAL HAS BEEN TESTED AND FOUND TO MEET THE APPLICABLE REQUIREMENTS. FURTHER SHOWN ARE THE COMPOSITION LIMITS AND MECHANICAL PROPERTY TEST RESULTS. DOCUMENTATION VERIFYING CONFORMANCE TO THESE REQUIREMENTS IS ON FILE AND SUBJECT TO EXAMINATION.

PERCENT MAXIMUM UNLESS SHOWN OTHERWISE
REMAINDER ALUMINUM

UNIVERSAL ALLOY CORPORATION



Mark Briguglio Metallurgical Lab Manager
QUALITY ASSURANCE DEPARTMENT





Universal Alloy Corporation

Invoice Number
634609

180 Lamar Haley Pkwy
Canton, GA. 30114-8018
770.479.7230 - 888.479.7230 - Fax 770.479.7198

Please Remit To:
P.O. Box 951501
Dallas, TX 75395-1501

Please Send All Correspondence to: 180 Lamar Haley Pkwy. Canton, GA 30114

Sold To:
DART AEROSPACE
1270 ABERDEEN

Shipped To:
DART AEROSPACE
1270 ABERDEEN

HAWKESBURY, ONTARIO, CN K6A 1K7

HAWKESBURY, ONTARIO, CN K6A 1K7

27/320

Date 12/13/2012	Shipped Via JOURNEY FREIGHT	Shipper No. 406615-1	Date Shipped 12/13/2012	Terms NET 60
Purchase Order Number PO18262 2		Part Number 649.5013-EXT Rev C		
QUANTITY	DESCRIPTION		UNIT PRICE	AMOUNT
132.000	ALUMINUM EXTRUSION		19.670/FT	\$2,596.44
NO REJECTED MATERIAL WILL BE ACCEPTED FOR CREDIT OR REPLACEMENT AFTER 30 DAYS FROM DATE OF RECEIPT. UNIVERSAL ALLOY CORP. ACCEPTS VISA, MASTERCARD, AND AMERICAN EXPRESS.				\$2,596.44

TOTAL
U.S. Dollars

CUSTOMER COPY

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03693					SHEET 1 OF 1	
	DWG NO. 649.5000		REV: C	PREPARED BY B. PETERS	DATE: 11/14/12		EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: DEFLECTOR					<i>[Signature]</i>	
	APPROVED BY:	ENGR: <i>[Signature]</i>	MFG: <i>[Signature]</i>	QC: <i>[Signature]</i>	EFF: NEXT ORDER		ECR: D-12-001
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED ALTERNATE MATERIAL.					

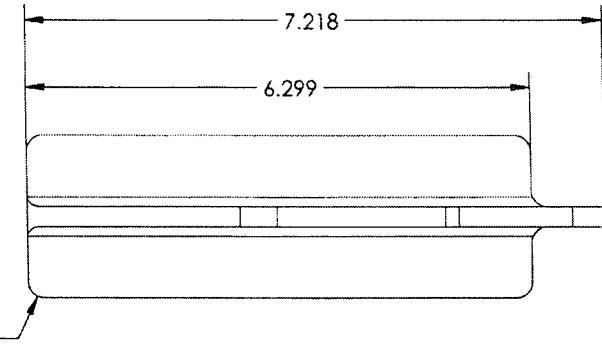
IS →
 PRIMARY MATERIAL: 7075-T651 ALUMINUM PER AMS-QQ-A-250/12.
 ALTERNATE MATERIAL: 7075-T6511 ALUMINUM PER AMS-QQ-A-200/11.

SHEET 1, ZONE A2 IS:

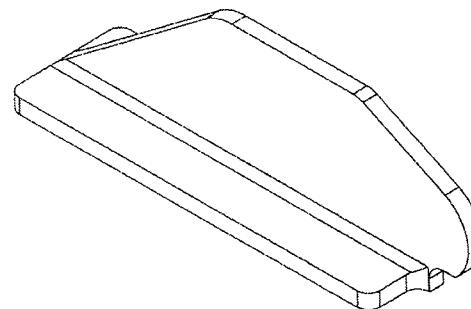
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	<input type="checkbox"/> CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

1 2 3 4 5 6 7 8

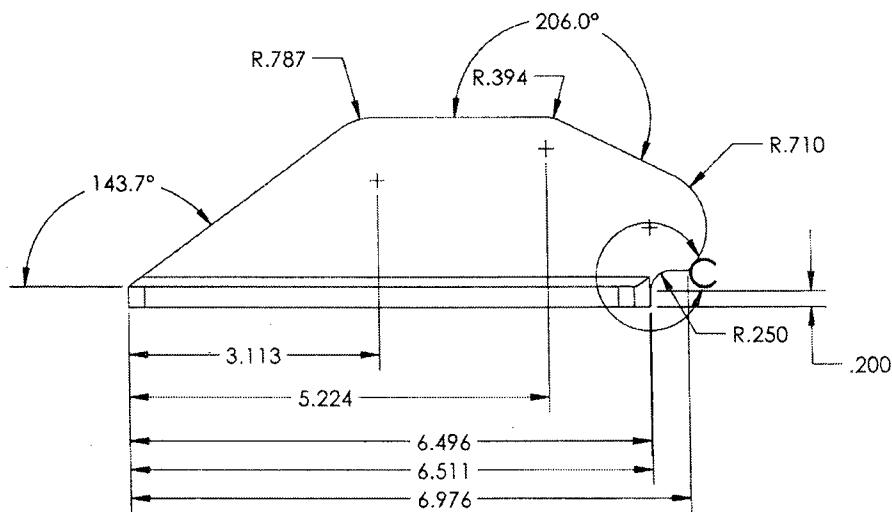
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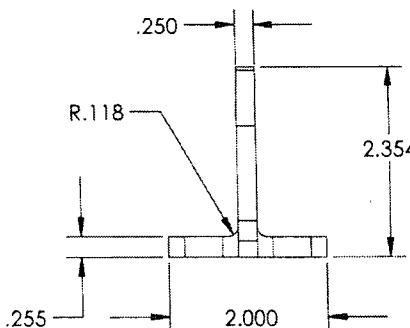
R.197 4PL



649.5013



DETAIL C
SCALE 2 : 1.5



ORIGINAL DATE 11/03/11	RECHECKED P. BRAVO	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300
DRAWN BY A. QUAN	APPROVED 11/03/11	DEFLECTOR
CONTRACT NO.		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .010 ANGLES ± 2°	REV. NO. B 07M16	SCALE NONE SHEET 4 OF 4
	649.5000	C